

Location - Landuse

Eton - Sugarcane

ASC Soil type

Chromosol (Pioneer); mk-01

Slope

0.25%

Rainfall station

Eton

Period

1986-2009

Average annual rainfall for period

1246

Highest annual rainfall in period

2391

Lowest annual rainfall in period

582

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff				Nitrogen in deep drainage		Nitrogen denitrified	
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorus (kg/ha/year)	Relative to C (%)	Disolved Inorganic Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Disolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	157	65	1	50	<1	40	<1	62	<1	37	<1	37	1	33	16	42	10	38
B soil, B nutrient and B pesticide management	162	67	1	50	<1	56	<1	65	<1	54	<1	54	1	33	35	92	21	81
C soil, C nutrient and C pesticide management	241	100	2	100	1	100	<1	100	<1	100	2	100	3	100	38	100	26	100
D soil, D nutrient and D pesticide management	167	69	2	100	<1	86	<1	65	<1	89	2	89	3	100	68	179	39	150

* A value of '<1' indicates that either the substance was not lost, because it was not applied, or if applied, very low amounts are predicted to be lost.

Management Practice (ABCD)	Pesticides in runoff																Cane Yield	
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Ametryn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	3	8	2	9	<1	8	<1	4	<1	10	<1	160	1	22	<1	26	66	99
B soil, B nutrient and B pesticide management	9	22	6	24	<1	19	<1	12	1	22	<1	185	2	43	<1	28	68	101
C soil, C nutrient and C pesticide management	42	100	27	100	4	100	5	100	6	100	<1	100	5	100	<1	100	67	100
D soil, D nutrient and D pesticide management	22	54	19	72	<1	<1	3	60	<1	<1	<1	<1	3	62	<1	29	67	100

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CSIRO APSIM modelling conducted July 2012

DERM HowLeaky modelling conducted July 2012

CSIRO and DEEDI Feat modelling has not been updated.

Location - Landuse

Eton - Sugarcane

ASC Soil type
 Soil Type
 Slope
 Rainfall station
 Period
 Average annual rainfall for period
 Highest annual rainfall in period
 Lowest annual rainfall in period

Vertosol; mk-02
 0.2%
 Eton
 1986-2009
 1381
 2391
 582

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff				Nitrogen in deep drainage		Nitrogen denitrified	
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorous (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	212	66	1	50	<1	39	<1	64	<1	36	1	36	1	11	11	79	25	56
B soil, B nutrient and B pesticide management	216	67	1	50	<1	52	<1	65	<1	50	1	50	3	33	18	129	39	87
C soil, C nutrient and C pesticide management	322	100	2	100	<1	100	<1	100	<1	100	3	100	9	100	14	100	45	100
D soil, D nutrient and D pesticide management	230	71	2	100	<1	89	<1	68	<1	92	3	92	10	111	31	221	70	156

* A value of '<1' indicates that either the substance was not lost, because it was not applied, or if applied, very low amounts are predicted to be lost.

Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Duron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Ametryn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	6	8	4	9	<1	6	<1	5	<1	8	<1	184	1	22	<1	29	74	101
B soil, B nutrient and B pesticide management	17	20	11	24	1	16	2	14	2	19	<1	204	2	41	<1	31	75	103
C soil, C nutrient and C pesticide management	81	100	45	100	8	100	17	100	10	100	<1	100	6	100	<1	100	73	100
D soil, D nutrient and D pesticide management	45	56	35	77	<1	<1	11	63	<1	<1	<1	<1	4	65	<1	31	73	100

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Location - Landuse

Eton - Sugarcane

ASC Soil type

Brown Chromosol; mk-03

Soil Type

Slope

0.2%

Rainfall station

Eton

Period

1986-2009

Average annual rainfall for period

1381

Highest annual rainfall in period

2391

Lowest annual rainfall in period

582

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff		Nitrogen in deep drainage		Nitrogen denitrified			
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorus (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	202	65	1	50	2	50	1	63	<1	32	<1	32	1	14	19	68	16	55
B soil, B nutrient and B pesticide management	210	67	1	50	2	59	1	65	<1	51	1	51	2	29	35	125	29	100
C soil, C nutrient and C pesticide management	312	100	2	100	3	100	2	100	1	100	2	100	7	100	28	100	29	100
D soil, D nutrient and D pesticide management	223	71	3	150	3	79	1	68	1	93	2	93	8	114	53	189	45	155

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Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Ametryn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	5	8	3	9	<1	7	<1	5	<1	9	<1	178	1	21	<1	26	70	100
B soil, B nutrient and B pesticide management	14	22	9	24	1	19	1	13	2	22	<1	214	2	42	<1	27	71	101
C soil, C nutrient and C pesticide management	66	100	38	100	7	100	11	100	10	100	<1	100	6	100	<1	100	70	100
D soil, D nutrient and D pesticide management	36	55	29	76	<1	<1	7	63	<1	<1	<1	<1	4	66	<1	30	70	100

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Location - Landuse

Plane Creek - Sugarcane

ASC Soil type

Chromosol (Pioneer); mk-01

Soil Type

0.25%

Slope

Rainfall station

Plane Creek

Period

1986-2009

Average annual rainfall for period

1613

Highest annual rainfall in period

2795

Lowest annual rainfall in period

815

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff				Nitrogen in deep drainage		Nitrogen denitrified	
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorus (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	209	65	1	50	<1	37	<1	61	<1	33	<1	33	1	33	25	71	13	57
B soil, B nutrient and B pesticide management	215	66	1	50	<1	51	<1	64	<1	49	1	49	1	33	37	106	21	91
C soil, C nutrient and C pesticide management	324	100	2	100	1	100	<1	100	1	100	2	100	3	100	35	100	23	100
D soil, D nutrient and D pesticide management	239	74	2	100	1	89	<1	69	1	92	2	92	4	133	60	171	36	157

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Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Amethyn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	4	8	3	8	<1	5	<1	4	1	8	<1	538	1	22	<1	25	79	99
B soil, B nutrient and B pesticide management	12	21	9	24	1	17	<1	12	2	21	<1	596	3	41	<1	28	81	101
C soil, C nutrient and C pesticide management	58	100	38	100	5	100	7	100	7	100	<1	100	6	100	<1	100	80	100
D soil, D nutrient and D pesticide management	35	61	30	78	<1	<1	5	68	<1	<1	<1	<1	4	66	<1	30	80	100

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Location - Landuse

Plane Creek - Sugarcane

ASC Soil type
 Soil Type
 Slope
 Rainfall station
 Period
 Average annual rainfall for period
 Highest annual rainfall in period
 Lowest annual rainfall in period

Vertosol; mk-02
 0.2%
 Plane Creek
 1986-2009
 1613
 2795
 815

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff		Nitrogen in deep drainage		Nitrogen denitrified			
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorous (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	291	66	1	33	<1	38	<1	63	<1	34	1	34	1	10	16	123	30	77
B soil, B nutrient and B pesticide management	296	67	1	33	<1	49	<1	65	<1	48	2	48	3	30	21	162	39	100
C soil, C nutrient and C pesticide management	443	100	3	100	1	100	<1	100	1	100	4	100	10	100	13	100	39	100
D soil, D nutrient and D pesticide management	332	75	3	100	1	90	<1	71	1	92	4	92	11	110	27	208	65	167

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Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Ametryn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	9	8	6	9	<1	7	1	5	1	9	<1	525	2	22	<1	28	86	102
B soil, B nutrient and B pesticide management	23	21	15	24	2	18	3	13	3	22	<1	559	3	41	<1	29	87	104
C soil, C nutrient and C pesticide management	109	100	64	100	9	100	24	100	12	100	<1	100	8	100	<1	100	84	100
D soil, D nutrient and D pesticide management	68	63	52	81	<1	<1	16	69	<1	<1	<1	<1	6	69	<1	31	84	100

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Location - Landuse

Plane Creek - Sugarcane

ASC Soil type

Brown Chromosol; mk-03

Soil Type

Slope

0.2%

Rainfall station

Plane Creek

Period

1986-2009

Average annual rainfall for period

1613

Highest annual rainfall in period

2795

Lowest annual rainfall in period

815

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff				Nitrogen in deep drainage		Nitrogen denitrified	
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorous (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	275	65	1	33	2	49	2	62	<1	29	<1	29	1	13	27	108	20	77
B soil, B nutrient and B pesticide management	283	67	1	33	2	57	2	64	<1	45	1	45	3	38	37	148	28	108
C soil, C nutrient and C pesticide management	424	100	3	100	4	100	3	100	2	100	3	100	8	100	25	100	26	100
D soil, D nutrient and D pesticide management	322	76	3	100	4	81	2	71	2	95	3	95	9	113	45	180	42	162

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Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Ametryn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	7	7	5	9	<1	5	<1	5	<1	7	<1	512	2	20	<1	25	83	100
B soil, B nutrient and B pesticide management	19	21	13	24	1	17	2	13	2	21	<1	587	3	40	<1	28	85	102
C soil, C nutrient and C pesticide management	89	100	54	100	8	100	15	100	12	100	<1	100	8	100	<1	100	83	100
D soil, D nutrient and D pesticide management	55	62	44	82	<1	<1	10	70	<1	<1	<1	<1	5	70	<1	31	83	100

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Location - Landuse

Proserpine - Sugarcane

ASC Soil type

Chromosol (Pioneer); mk-01

Soil Type

0.25%

Slope

Rainfall station

Proserpine

Period

1986-2009

Average annual rainfall for period

1623

Highest annual rainfall in period

2763

Lowest annual rainfall in period

780

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff		Nitrogen in deep drainage		Nitrogen denitrified			
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorous (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	180	63	1	50	<1	38	<1	60	<1	35	<1	35	1	33	29	81	16	70
B soil, B nutrient and B pesticide management	185	65	1	50	<1	53	<1	62	<1	51	1	51	1	33	42	117	23	100
C soil, C nutrient and C pesticide management	286	100	2	100	1	100	<1	100	1	100	2	100	3	100	36	100	23	100
D soil, D nutrient and D pesticide management	207	72	2	100	1	94	<1	70	1	97	2	97	3	100	62	172	37	161

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Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Amethryn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	4	7	3	9	<1	4	<1	5	<1	6	<1	168	1	22	<1	30	80	100
B soil, B nutrient and B pesticide management	10	20	8	23	<1	14	<1	12	1	17	<1	185	2	41	<1	28	81	101
C soil, C nutrient and C pesticide management	49	100	33	100	4	100	7	100	6	100	<1	100	5	100	<1	100	80	100
D soil, D nutrient and D pesticide management	30	61	25	77	<1	<1	5	68	<1	<1	<1	<1	4	67	<1	22	80	100

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Location - Landuse

Proserpine - Sugarcane

ASC Soil type

Vertosol; mk-02

Soil Type

0.2%

Slope

Rainfall station

Proserpine

Period

1986-2009

Average annual rainfall for period

1623

Highest annual rainfall in period

2763

Lowest annual rainfall in period

780

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff		Nitrogen in deep drainage		Nitrogen denitrified			
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorus (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Phosphorus (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	251	64	1	33	<1	39	<1	62	<1	36	1	36	1	13	19	127	34	83
B soil, B nutrient and B pesticide management	256	65	1	33	<1	50	<1	63	<1	49	2	49	3	38	25	167	44	107
C soil, C nutrient and C pesticide management	392	100	3	100	1	100	<1	100	1	100	4	100	8	100	15	100	41	100
D soil, D nutrient and D pesticide management	290	74	3	100	1	92	<1	72	1	94	3	94	10	125	29	193	67	163

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Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Amethyn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/Ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	7	7	5	9	<1	5	1	5	<1	6	<1	200	2	22	<1	30	85	102
B soil, B nutrient and B pesticide management	18	20	13	23	1	13	3	13	2	16	<1	219	3	40	<1	32	85	102
C soil, C nutrient and C pesticide management	94	100	55	100	8	100	21	100	10	100	<1	100	7	100	<1	100	83	100
D soil, D nutrient and D pesticide management	58	62	44	80	<1	<1	15	69	<1	<1	<1	<1	5	69	<1	23	83	100

* A value of '<1' indicates that either the substance was not lost, because it was not applied, or if applied, very low amounts are predicted to be lost.

Location - Landuse

Proserpine - Sugarcane

ASC Soil type

Brown Chromosol; mk-03

Soil Type

0.2%

Slope

Rainfall station

Proserpine

Period

1986-2009

Average annual rainfall for period

1623

Highest annual rainfall in period

2763

Lowest annual rainfall in period

780

Management Practice (ABCD)	Runoff and sediment				Phosphorus in runoff						Nitrogen in runoff		Nitrogen in deep drainage		Nitrogen denitrified			
	Runoff (mm/year)	Relative to C (%)	Sediment (t/ha/year)	Relative to C (%)	Total Phosphorous (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Phosphorous (kg/ha/year)	Relative to C (%)	Particulate Nitrogen (kg/ha/year)	Relative to C (%)	Dissolved Inorganic Nitrogen (kg/ha/year)	Relative to C (%)	Nitrate Nitrogen (kg/ha/year)	Relative to C (%)	Gaseous Nitrogen (kg/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	237	63	1	33	<1	38	<1	60	<1	35	<1	35	1	14	31	115	23	85
B soil, B nutrient and B pesticide management	243	65	1	33	<1	53	<1	62	<1	51	1	51	2	29	42	156	31	115
C soil, C nutrient and C pesticide management	374	100	3	100	1	100	<1	100	1	100	2	100	7	100	27	100	27	100
D soil, D nutrient and D pesticide management	281	75	3	100	1	94	<1	70	1	97	2	97	7	100	48	178	43	159

* A value of '<1' indicates that either the substance was not lost, because it was not applied, or if applied, very low amounts are predicted to be lost.

Management Practice (ABCD)	Pesticides in runoff														Cane Yield			
	Total PSII herbicides (g/ha/year)	Relative to C (%)	Diuron (g/ha/year)	Relative to C (%)	Atrazine (g/ha/year)	Relative to C (%)	Hexazinone (g/ha/year)	Relative to C (%)	Ametryn (g/ha/year)	Relative to C (%)	Glyphosate (g/ha/year)	Relative to C (%)	Paraquat (g/ha/year)	Relative to C (%)	2,4-D (g/ha/year)	Relative to C (%)	Yield (tonnes/ha/year)	Relative to C (%)
A soil, A nutrient and A pesticide management	5	7	4	9	<1	4	<1	5	<1	5	<1	195	1	21	<1	28	84	101
B soil, B nutrient and B pesticide management	15	20	11	24	<1	14	2	13	2	17	<1	221	3	40	<1	28	85	102
C soil, C nutrient and C pesticide management	76	100	46	100	7	100	14	100	10	100	<1	100	6	100	<1	100	83	100
D soil, D nutrient and D pesticide management	47	62	38	81	<1	<1	10	70	<1	<1	<1	<1	5	71	<1	22	83	100

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