

FROST TABLE → « QUANTITY » LOSS

Days of winter stress	Overall loss rate (%)
11	1
12	2
13	3
14	4
15	5
16	6
17	7
18	8

Days of winter stress	Overall loss rate (%)
19	9
20	10
21	11
22	12
23	13
24	14
25	15
26	16

Days of winter stress	Overall loss rate (%)
27	17
28	18
29	19
30	20
31	21
32	22
33	23
34	24

Days of winter stress	Overall loss rate (%)
35	25
36	26
37	27
38	28
39	29
40	30

Day of winter stress: A day with very cold mean temperature and without adequate snow cover starting November 1 to April 30

Loss rate: Includes losses related to drop in yield and to reseeding costs

QUANTITY TABLE (LACK OF RAIN) → « QUANTITY » LOSS

Option: 2 cuttings (60 days)

Stratum (mm of rain)	Cutting 1	Cutting 2
	May 1 – June 30	July 1 – August 30
	Loss rate (%)	Loss rate (%)
>174	0.0	0.0
174	0.4	0.7
173	0.9	1.3
172	1.3	2.0
171	1.8	2.6
170	2.2	3.3
169	2.6	4.0
168	3.1	4.6
167	3.5	5.3
166	4.0	5.9
165	4.4	6.6
164	4.8	7.3
163	5.3	7.9
162	5.7	8.6
161	6.2	9.2
160	6.6	9.9
159	7.0	10.6
158	7.5	11.2
157	7.9	11.9
156	8.4	12.5
155	8.8	13.2
154	9.2	13.9
153	9.7	14.5
152	10.1	15.2
151	10.6	15.8
150	11.0	16.5
149	11.4	17.2
148	11.9	17.8
147	12.3	18.5
146	12.8	19.1
145	13.2	19.8
144	13.6	20.5

Stratum (mm of rain)	Cutting 1	Cutting 2
	May 1 – June 30	July 1 – August 30
	Loss rate (%)	Loss rate (%)
143	14.1	21.1
142	14.5	21.8
141	15.0	22.4
140	15.4	23.1
139	15.8	23.8
138	16.3	24.4
137	16.7	25.1
136	17.2	25.7
135	17.6	26.4
134	18.0	27.1
133	18.5	27.7
132	18.9	28.4
131	19.4	29.0
130	19.8	29.7
129	20.2	30.4
128	20.7	31.0
127	21.1	31.7
126	21.6	32.3
125	22.0	33.0
124	22.4	33.7
123	22.9	34.3
122	23.3	35.0
121	23.8	35.6
120	24.2	36.3
119	24.6	37.0
118	25.1	37.6
117	25.5	38.3
116	26.0	38.9
115	26.4	39.6
114	26.8	40.3
113	27.3	40.9
112	27.7	41.6

Stratum (mm of rain)	Cutting 1	Cutting 2
	May 1 – June 30	July 1 – August 30
	Loss rate (%)	Loss rate (%)
111	28.2	42.2
110	28.6	42.9
109	29.0	43.6
108	29.5	44.2
107	29.9	44.9
106	30.4	45.5
105	30.8	46.2
104	31.2	46.9
103	31.7	47.5
102	32.1	48.2
101	32.6	48.8
100	33.0	49.5
99	33.4	50.2
98	33.9	50.8
97	34.3	51.5
96	34.8	52.1
95	35.2	52.8
94	35.6	53.5
93	36.1	54.1
92	36.5	54.8
91	37.0	55.4
90	37.4	56.1
89	37.8	56.8
88	38.3	57.4
87	38.7	58.1
86	39.2	58.7
85	39.6	59.4
<85	40.0	60.0

Stratum: Total daily rainfall for the duration of the cutting

Duration of cutting: 45 for the 3-cutting option and 60 days for the 2-cutting option

Maximum level of precipitation: Threshold at which yields start to drop

QUANTITY TABLE (LACK OF RAIN) → « QUANTITY » LOSS

Option: 3 cuttings (45 days)

Stratum (mm of rain)	Cutting 1	Cutting 2	Cutting 3
	May 1 – June 15	June 16- July 31	August 1- September 15
	Loss rate (%)	Loss rate (%)	Loss rate (%)
>134	0.0	0.0	0.0
134	0.5	0.8	0.8
133	1.0	1.5	1.5
132	1.5	2.3	2.3
131	2.0	3.0	3.0
130	2.5	3.8	3.8
129	3.0	4.5	4.5
128	3.5	5.3	5.3
127	4.0	6.0	6.0
126	4.5	6.8	6.8
125	5.0	7.5	7.5
124	5.5	8.3	8.3
123	6.0	9.0	9.0
122	6.5	9.8	9.8
121	7.0	10.5	10.5
120	7.5	11.3	11.3
119	8.0	12.0	12.0
118	8.5	12.8	12.8
117	9.0	13.5	13.5
116	9.5	14.3	14.3
115	10.0	15.0	15.0
114	10.5	15.8	15.8
113	11.0	16.5	16.5
112	11.5	17.3	17.3
111	12.0	18.0	18.0
110	12.5	18.8	18.8
109	13.0	19.5	19.5
108	13.5	20.3	20.3
107	14.0	21.0	21.0
106	14.5	21.8	21.8
105	15.0	22.5	22.5
104	15.5	23.3	23.3
103	16.0	24.0	24.0
102	16.5	24.8	24.8
101	17.0	25.5	25.5
100	17.5	26.3	26.3
99	18.0	27.0	27.0
98	18.5	27.8	27.8
97	19.0	28.5	28.5
96	19.5	29.3	29.3
95	20.0	30.0	30.0

Stratum (mm of rain)	Cutting 1	Cutting 2	Cutting 3
	May 1 – June 15	June 16- July 31	August 1- September 15
	Loss rate (%)	Loss rate (%)	Loss rate (%)
94	20.5	30.8	30.8
93	21.0	31.5	31.5
92	21.5	32.3	32.3
91	22.0	33.0	33.0
90	22.5	33.8	33.8
89	23.0	34.5	34.5
88	23.5	35.3	35.3
87	24.0	36.0	36.0
86	24.5	36.8	36.8
85	25.0	37.5	37.5
84	25.5	38.3	38.3
83	26.0	39.0	39.0
82	26.5	39.8	39.8
81	27.0	40.5	40.5
80	27.5	41.3	41.3
79	28.0	42.0	42.0
78	28.5	42.8	42.8
77	29.0	43.5	43.5
76	29.5	44.3	44.3
75	30.0	45.0	45.0
74	30.5	45.8	45.8
73	31.0	46.5	46.5
72	31.5	47.3	47.3
71	32.0	48.0	48.0
70	32.5	48.8	48.8
69	33.0	49.5	49.5
68	33.5	50.3	50.3
67	34.0	51.0	51.0
66	34.5	51.8	51.8
65	35.0	52.5	52.5
64	35.5	53.3	53.3
63	36.0	54.0	54.0
62	36.5	54.8	54.8
61	37.0	55.5	55.5
60	37.5	56.3	56.3
59	38.0	57.0	57.0
58	38.5	57.8	57.8
57	39.0	58.5	58.5
56	39.5	59.3	59.3
<56	40.0	60.0	60.0

Stratum: Total daily rainfall for the duration of the cutting

Duration of cutting: 45 days for the 3-cutting option and 60 days for the 2-cutting option

Maximum level of precipitation: Threshold at which yields start to drop

QUALITY TABLE (EXCESS RAIN) → HAY « QUALITY » LOSS

Number of 2-consecutive-day sequences of nice weather	Hay loss rate (%)
8	0 %
7	4 %
6	8 %
5	12 %
4	16 %
< 4	20 %

Reference period to establish sequences of nice weather :

Option	Cutting 1	Cutting 2	Cutting 3
2 cuttings by June 25	June 10 – July 9	July 25 – August 23	
2 cuttings starting on June 25	June 25 – July 24	August 9 – September 7	
3 cuttings by June 16	June 1 – June 30	July 16 – August 14	August 30 – September 28
3 cuttings starting on June 16	June 16 – July 15	July 31 – August 29	September 14 – October 13

Nice weather day: Day with less than 2 mm of rain.

Nice weather day not considered when preceded by :

- A day where 30 mm or more of rain has fallen
- 2 or 3 consecutive days of rain totalling more than 50 mm