=enter site characteristics here

NEW JERSEY PHOSPHORUS INDEX

(For use with soil tests reporting in ppm P, and using either Mehlich-3 or Bray P1) (For example, A&L and Penn State)

Relative Risk Factors
- 0 = None
- 3 = Low
- 5 = Medium
- 10 = High
- 20 = Very High

Producer: Joe Farmer   Tract: **987**   Date: 4/14/2004
Soil Test Lab: University of Delaware   Assisted by: Crop Advisor
P extraction method: Mehlich-3

Relative risk factor x weighting factor = Score

			A. Soil Erosion			B.Runoff Class		C. Distance		D. Soil Test P					E. Method of Application				
Rutgers Field Name	Field No.	Crop	tons/ ac/yr	Risk Factor	x 1.5 = Score	Class	Score	Risk Factor	x 1.5 = Score	ppm P	lb/a P	Rel. Level	Risk Factor	x 1.5 = Score	Risk Type	Score	TOTAL SCORE	P Index	Type of NM Plan
A		Corn	3	3	4.5	Medium	5	0	0	204	408	VH	20	30	Low	3	**42.5**	Medium	N/1.5 P
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
B		Alfalfa	1	0	0	Very Low	3	0	0	160	320	VH	20	30	None	0	**33.0**	Medium	N/1.5 P
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
C		Alfalfa	1	0	0	Very Low	3	0	0	178	356	VH	20	30	None	0	**33.0**	Medium	N/1.5 P
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
D		Alfalfa	1	0	0	Very Low	3	5	7.5	198	396	VH	20	30	None	0	**40.5**	Medium	N/1.5 P
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
E		Timothy	2	3	4.5	Medium	5	10	15	211	422	VH	20	30	None	0	**54.5**	High	1.0 P
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
F		Brome	3	3	4.5	Medium	5	10	15	387	774	VH	20	30	None	0	**54.5**	High	1.0 P
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		
				0	0	None	0		0		0	0	0	0	None	0	**0.0**		

Soil loss values should be rounded to the nearest integer.

Notes: This spreadsheet is designed for soil test P to be entered in ppm P.
It will then convert ppm P to lb/ac P.
If soil test is in lb/ac, divide by 2 and enter result in ppm column.
For factors B. and E., the score is the same as the risk factor,
because the weighting factor is 1.0.
Runoff class (B.) is a function of slope and curve number.

M3 lb/a P	**Rutgers Relative Level**
0-24	Very Low (below optimum)
25-45	Low (below optimum)
46-71	Medium (below optimum)
72-137	High (optimum)
138+	Very High (above optimum)

Soil test P assumed to be "High" (optimum) for fields with no soil tests (appear as a bolded "H").