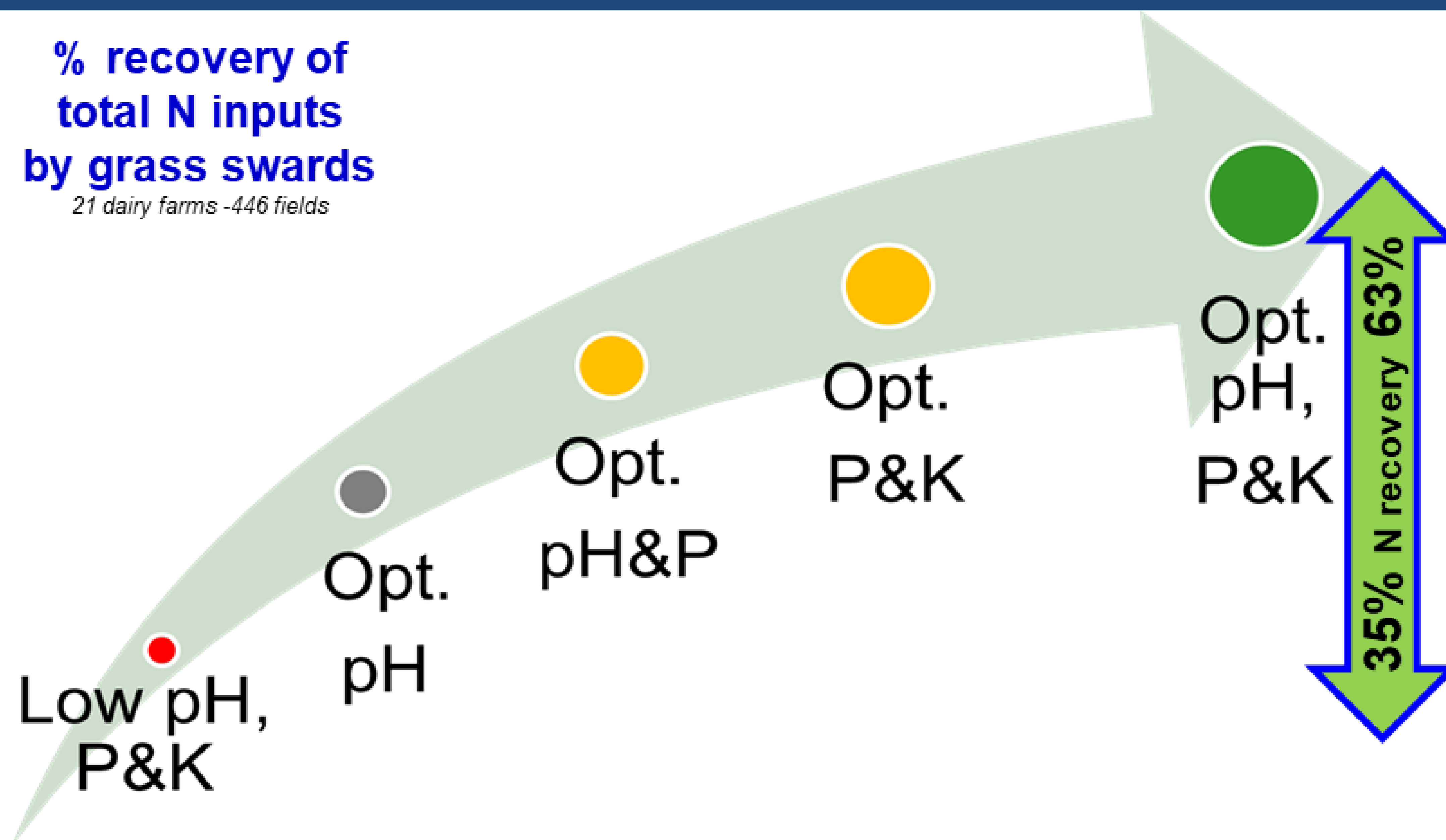


Soil Fertility & N recovery by grass?

% recovery of
total N inputs
by grass swards

21 dairy farms -446 fields



Maximising slurry nitrogen

Where ?	When ?	How ?	Rate?
 	<p>cloudy ✓</p> <p>sunny ✗</p> <ul style="list-style-type: none"> Cool, Damp Conditions Spring better than summer 	 	 <div> <p>N-P-K</p> <p>9-5-32</p> <p>€25</p> </div>

Soil samples provide field-by-field information on

- Soil pH & Lime requirement **Target: pH 6.3 - 6.8**
- Soil P & K availability **Target: P&K Index 3**
- Where to target slurry? **Target: low P&K soils**

Take home messages

- ✓ Optimising soil fertility increases N efficiency (+30%)
- ✓ Applying slurry in Spring using LESS application method will increase slurry N availability and uptake