



**AGRICULTURE PILOT PACK**

# PowerZ Pilot Pack

A structured field-pilot pathway for farms, cooperatives, distributors, government agencies and food-security partners.

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## Purpose of this Pilot Pack

This pack helps farms, institutions and partners assess PowerZ through evidence-led field demonstration rather than unsupported product claims. It sets out the pilot logic, crop information required, monitoring points and scale-up pathway.

## PowerZ Agriculture Positioning

PowerZ supports farmers, cooperatives, commercial growers and food-security programmes with bio-organic soil and plant solutions designed to improve root-zone performance, nutrient retention, water efficiency and crop resilience. GSEL introduces PowerZ through structured pilots and field demonstrations so stakeholders can observe crop response and compare treated and untreated areas.

<p><b>PowerZ Granular</b></p> <p>A root-zone soil conditioner positioned to support soil structure, moisture retention, nutrient holding capacity, aeration and crop resilience.</p>	<p><b>PowerZ Grow Liquid Spray</b></p> <p>A bio-organic liquid plant/tree amendment positioned to support seed germination, root mass, plant vitality and stress response.</p>
<p><b>Integrated use</b></p> <p>The two products may be deployed together where the pilot design supports an integrated soil-and-plant performance approach.</p>	<p><b>Evidence-led deployment</b></p> <p>Trials should compare PowerZ-supported areas with existing farmer practice and documented controls.</p>

## Recommended Pilot Structure

Stage	Purpose	Typical Outputs
1. Farm assessment	Review crop type, soil condition, irrigation/water access, current fertiliser/input practice and productivity objectives.	Pilot crop profile and baseline information list.
2. Trial design	Define treated/control plots, application method, monitoring frequency, measurements and farmer-practice comparison.	Pilot protocol, plot layout and monitoring plan.

3. Product/application	Coordinate product supply, dosage guidance, application timing and field-team responsibilities.	Application record and implementation checklist.
4. Monitoring/reporting	Track germination, plant health, root development, water use, input use, crop growth and farmer observations.	Photo log, field observations and interim reporting.
5. Scale-up decision	Use pilot evidence to determine commercial rollout, cooperative deployment, distribution, government engagement or investor-ready expansion.	Pilot summary, scale-up recommendation and next-step proposal.

## Suitable Pilot Users

<b>Commercial farms</b> Trial PowerZ on selected crops and scale successful outcomes across larger cultivated areas.	<b>Cooperatives</b> Demonstrate value across farmer groups and support local adoption pathways.
<b>Government agencies</b> Evaluate PowerZ within food-security, climate-resilience, water-efficiency or productivity programmes.	<b>Distributors</b> Validate market relevance before product registration, stocking, promotion and reseller development.
<b>NGOs/development partners</b> Assess relevance for smallholder support, regenerative agriculture and food-security outcomes.	<b>Agribusiness/investors</b> Use pilot evidence to prepare expansion, procurement or country rollout strategy.

## Information Needed to Start a PowerZ Pilot

- Country, farm/site location and implementing organisation.
- Crop type, crop cycle and planting window.
- Farm size and proposed pilot plot size.
- Current fertiliser/input practice and irrigation/water situation.
- Known soil challenges: low fertility, poor structure, drought stress, nutrient leaching, poor germination or other issues.
- Pilot objective: yield response, water efficiency, fertiliser efficiency, soil support, distributor validation, government demonstration or farmer adoption.
- Available records: soil analysis, historic yield, photos, farm map, field notes, crop plan or previous trial data.

## Pilot Evidence to Capture

<b>Baseline</b> Soil/farm description, crop variety, planting date, current practice and weather/irrigation context.	<b>Application record</b> Product used, date, method, rate, treated area and responsible field personnel.
<b>Visual monitoring</b> Time-stamped photos/videos comparing treated and control areas.	<b>Crop performance</b> Germination, plant height, root development, stress signs, plant vigour and harvest observations.
<b>Input/water observations</b> Water use, fertiliser use, perceived input efficiency and practical farmer feedback.	<b>Final report</b> Results summary, limitations, lessons learned and scale-up recommendation.

## Evidence & Claims Note

PowerZ pilots should be presented as field-demonstration and validation exercises. Any final performance claim should be supported by recorded data, local conditions, crop type, trial design and documented comparison. GSEL should avoid unsupported yield guarantees or universal claims.

**Recommended next step: Request a PowerZ Pilot Discussion** - Submit details via the website or contact [GoGreen@gsel.co.uk](mailto:GoGreen@gsel.co.uk) | +44 203 488 0222.